Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 14 Aug 2023 until 23:59 on Tuesday 15 Aug 2023

Forecast Issued on Monday 14 Aug 2023 at 01:35

Confidence: High confidence for wet weather today, but lower confidence in clearance time. High confidence for a period of more settled weather from tomorrow until Thursday, but low for timing of unsettled conditions returning from Friday.

Headline for Monday 14 Aug 2023: A cloudy day with long periods of heavy rain, possibly thundery.

Mountain weather hazards on Monday 14 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Thunderstorm	Light rain	Light rain
Precipitation probability					
80%	80%	60%	60%	50%	40%

Forecast for Monday 14 Aug 2023

Weather: A cloudy day with long periods of frequently heavy rain. Rain may ease for a while early afternoon, but is likely to return, possibly turning thundery for a while before turning lighter through the evening.

Chance of cloud-free hill tops above 600m: 30%

Low cloud and visibility: Extensive low cloud, base 300-500 metres, during much of the day, breaking eventually as rain clears during the evening. Visibility often poor or very poor in rain and low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Monday 14 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 S	21/28 S	21/28 S	22/31 SW	20/28 W	18/25 W	16/23 W
300	18/26 S	18/25 S	19/28 S	17/26 SW	15/23 W	11/19 W	11/18 SW
Valley	8/22 S	12/24 S	13/26 S	13/25 SW	13/25 W	9/19 W	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/9	13/9	14/11	14/10	12/9	12/8	11/8
300	14/11	15/12	17/14	16/14	15/12	14/12	13/11
Valley	15/14	16/14	18/16	17/15	16/14	14/13	13/12
Freezing Level*	3000m	2900m	2900m	2800m	2700m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Unpleasant walking conditions. Heavy rain may cause flash flooding in water courses, and will make some paths slippery. Low cloud means good navigation skills will be required on the hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 14 Aug 2023	3.2mm	7mm	7mm

Forecast for Tuesday 15 Aug 2023

Weather: After a mostly dry and partly cloudy night perhaps some valley fog forming around dawn, this soon clearing. Then a day of sunny spells and isolated light showers.

Maximum wind: Westerly 10-15mph

Chance of cloud-free hill tops above 600m: 40% rising to 90%.

Low cloud and visibility: Early fog will lift after dawn, with low cloud gradually rising through the morning to clear the summits by early afternoon. Poor visibility in fog at first, and In low cloud, but generally good or very good later.

Temperature: **Valleys:** Plus 11 Celsius becoming plus 18 Celsius
At 600m: Plus 10 Celsius
Freezing level: Above summits

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